

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION 3

Site Name: VenCo Coke Fire Emergency Response EPA ID#: WVN000306095 DSN: WV-
 Alias Site Names: _____
 City: Moundsville County: Marshall County State: WV
 Refer to Report Dated: August 2006 Report type: Preliminary Assessment/ Executive Summary
 Report developed by: TRIAD Engineering

ORIGINAL

DECISION:

1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:
- | | | |
|---|--|-------------|
| 1a. Site does not qualify for further remedial site assessment under CERCLA
(No Further Remedial Action Planned - NFRAP) | 1b. Site may qualify for further action, but is deferred to: | RCRA
NRC |
|---|--|-------------|
2. Further Assessment Needed Under CERCLA:
- | | | |
|--------------------------|--------|----------------|
| 2a. (optional) Priority: | Higher | Lower |
| 2b. Activity Type: | PA | ESI |
| | SI | HRS evaluation |

DISCUSSION/RATIONALE:

VenCo Coke Fire Emergency Response WVN000306095
 Route 2 South Latitude N 39.8345 Longitude W -80.8202
 Moundsville, Marshall County, Wv 26041
 Event: Emergency Response - Coke Fire, Adjacent to Ohio River, approximate Mile Point-112

VenCo's (Venture Coke Company LLC) 40.71-acre include raw petroleum coke storage area at the Moundsville Calcining Plant in side the 14 land parcels. Petroleum coke (the solid residue remaining from the refinement of petroleum by the "cracking" process) is a form of coke. Petroleum coke has many uses besides being a fuel, such as the manufacture of dry cells, electrodes, etc. Gas works that manufacture syngas also produce coke as an end product, called gas house coke. Fluid coking is a process by which heavy residual crude is converted into lighter products such as naptha, kerosene, heating oil, and hydrocarbon gases. The "fluid" term refers to the fact that coke particles are in a continuous system versus older batch coking technology. Since the smoke-producing constituents are driven off during the coking process, coke may be burned with little or no smoke under combustion conditions which would result in a large amount of smoke if bituminous coal were the fuel. Coke is used as a fuel and as a reducing agent in smelting iron ore in a blast furnace.

VenCo Coke Fire occurred on February 09, 2004, when a green petroleum coke fire due to unknown causes . VenCo Coke Fire's response reflected OSC Dennis Matlock's involvement. OSC Dennis Matlock coordinated VenCo Coke Fire's Ms. Rosalyn Murzyn (the Facility's Environmental Coordinator. On February 10, 2004 VenCo's owners moved the unburned coke piles. On February 11, 2004 the VenCo's personnel & Fire Department start the fire suppression of the VenCo Coke Fire. The owner contained & routed the fire suppression water through a filtration system. On February 13, 2004 the VenCo's personnel & Fire Department extinguished the VenCo Coke Fire. As of 02/13/2004, VENCO Coke Fire's owners agreed to the Sulfur Dioxide and NOX may have been emitted during the fire.

The surface water and groundwater are the source of water supply. Moundsville Calcining Plant's well , Mitchell Power Plant's well, Kammer Power Plant's well serves less than 550 people.

Based on the information obtained during this investigation, the likelihood of waste migration and/or exposures through the groundwater, surface water, air, and/or soil exposure pathways are considered to be minimal. Based on the available site information (the 2006 review of VenCo Coke Fire's site conditions, the VenCo Coke Fire's 2006 draft score (0.80; gw-0.01; sw-0.12; soil-0.00 air-0.305), the OSC Dennis Matlock's response to VenCo Coke Fire, the owner contained & routed the fire suppression water through a filtration system, the VenCo's personnel extinguished the VenCo Coke Fire - February 13, 2004 , the short term impact of the singular occurrence of the February 10, 2004 fire , Superfund assigns a **No Further Response Action Planned** qualifier to the VenCo Coke Fire .

Superfund's Records:
 VenCo Coke Fire's CERCLA file reflect a August 2006 report.

Report Reviewed/Approved

and Decision Recommendation By:

James Hargett Jr, Site Assessmt Manager

Signature: _____

Site Decision Made By:

James McCreary

Site Assessment & NonNPL Federal Facilities Branch

Signature: _____

Date: _____

EPA ID: WYN000306095 Site Name: VENCO COKE FIRE ER

State ID: WV-744

Alias Site Names:

City: MOUNDSVILLE

County or Parish: MARSHALL

State: WV

Refer to Report Dated: 08/01/2006

Report Type: PRELIMINARY ASSESSMENT 001

Report Developed by: EPA/In House

ORIGINAL

DECISION:

☒ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:

☒ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)

☐ 1b. Site may qualify for action, but is deferred to:

☐ 2. Further Assessment Needed Under CERCLA:

2a. Priority: ☐ Higher ☐ Lower

2b. Other: (recommended action) NFRAP (No Further Remedial Action Planned)

DISCUSSION/RATIONALE:

VenCo's (Venture Coke Company LLC) 40.71-acre include raw petroleum coke storage area at the Moundsville Calcining Plant inside the 14 land parcels. Petroleum coke (solid residue remaining from the refinement of petroleum by the "cracking" process) is a form of coke. Petroleum coke has many uses besides being a fuel, such as the manufacture of dry cells, electrodes, etc., Gas works that manufacture syngas also produce coke as an end product, called gas house coke. Fluid coking is a process by which heavy residual crude is converted into lighter products such as naptha, kerosene, heating oil, and hydrocarbon gases. The "fluid" term refers to the fact that coke particles are in a continuous system versus older batch coking technology. Since the smoke-producing constituents are driven off during the coking process, coke may be burned with little or no smoke under combustion conditions which would result in a large amount of smoke if bituminous coal were the fuel. Coke is used as a fuel and as a reducing agent in smelting iron ore in a blast furnace. VenCo Coke fire occurred on February 09, 2004, when a green petroleum coke fire due to unknown causes. VenCo Coke Fire's response reflected OSC Dennis Matlock's involvement. OSC Dennis Matlock coordinated VenCo Coke Fire's Ms. Rosalyn Murzyn (the Facility's Environmental Coordinator). On February 10, 2004, VenCo's owners moved the unburned coke piles. On February 11, 2004, the VenCo's personnel & Fire Department start the fire suppression of the VenCo Coke Fire. The owner contained & routed the fire suppression water through a filtration system. On February 13, 2004, the VenCo's personnel & Fire Department extinguished the VenCo Coke Fire. AS of 2/13/2004. VenCo Coke Fire's owners agreed to the Sulfur Dioxide and NOX may have been emitted during the fire. The surface water and groundwater are the source of water supply. Moundsville Calcining Plant's well, Mitchell Power Plant's well, Kammer Power Plant's well serves less than 550 people. Based on the information obtained during this investigation, the likelihood of waste migration and/or exposures through the groundwater, surface water, air, and/or soil exposure pathways are considered to be minimal. Based on the available site information (the 2006 review of VenCo Coke Fire's site conditions, the VenCo Coke Fire's 2006 draft score (0.80; gw-0.01; sw-0.12; soil-0.00 air-0.305), the OSC Dennis Matlock's response to VenCo Coke Fire, the owner contained & routed the fire suppression water through a filtration system, the VenCo's personnel extinguished the VenCo Coke Fire - February 13, 2004, the short term impact of the singular occurrence of the February 10, 2004, Superfund assigns a No Further Response Action planned qualifier to the VenCo Coke Fire. Superfund's Records: VenCo Fire's CERCLA fire reflect a August 2006 report.

Decision Made by: JAMES HARGETT, JR.

Signature: _____ Date: 10/11/2006

Site Assessment CERCLIS Data Entry Form
EPA Region III

ORIGINAL
See Code Guide
for Instructions

Site Name: VENCO COKE FIRE
WasteLAN ID#: 03 DSN: EPA ID#: WVN 000306095

Site-Level Data

Edit CERCLIS/WasteLAN Identifying Information: (Site Name, Address, City, County, County ID, State, Zip Code)
Explain: _____
Site Type: (See Attachment A for a list of valid options) _____
Non-NPL Status: (See Attachment A for a list of valid options) NE NERAP
Collapsed Site Name: (Enter the 'child' site to be merged into the 'parent' site above) _____ ID#: _____
Parent/Child Relationship: _____
☒ **Archive:** (See Attachment A: Prohibited Open Actions at Archived Sites) **Archive Date:** 04/05/2007
☒ **ERS Exclusion:** (An ERS Exclusion Determination Form must be completed) **ERS Exclusion Date:** _____
☒ **Final Site Assessment Decision (FSAD)** **FSAD Date:** 4/05/2007
☒ **NFFA (No Further Federal Action)** **NFFA Date:** _____
☒ **RCRA Deferral Audit Special Initiative** ☐ **Lead Confirmed** ☐ **New Decision** ☐ **Further Superfund Assessment**

Action-Level Data

Action Name	Lead	Start Date	Compl. Date	Qualifier
Pre-CERCLIS Screening (HX)	F FF S	/ /	/ /	
Site Discovery (DS)	F EP FF S TR		<u>10/01/05</u>	
Preliminary Assessment (PA)	F EP S SN TR	<u>8/29/06</u>	<u>10/11/06</u>	A D F H L N W D N B SA
Fed Fac Preliminary Assessment Review (RX)	F EP S TR	/ /	/ /	A D H L N D N B SA
Site Inspection (SI)	F EP S TR	/ /	/ /	A D F H L N W D N B SA
Site Inspection Prioritization (SH)	F EP S TR	/ /	/ /	A D F H L N W D N B SA
Combined PA/SI (NX)	F EP S TR	/ /	/ /	A D F H L N W D N B SA
Site Reassessment (OO)	F EP S TR	/ /	/ /	A D F H L N W D N B SA
Expanded Site Inspection (ES)	F EP S TR	/ /	/ /	A D F G L N W D N B SA
Fed Fac Site Inspection Review (TY)	F EP S TR	/ /	/ /	A D H L N D N B SA
Fed Fac ESI Review (TZ)	F EP S TR	/ /	/ /	A D G L N D N B SA
ESI/RJ (SS)	F EP MR PS TR RP S SN TR	/ /	/ /	A D F G L N W D N B SA
HRS Package (HR)	F EP FF S TR	/ /	/ /	D F N O W D N SA
Int. Rmvl Assess and Preliminary Assess (QT)	F EP S TR	/ /	/ /	A D F H L N W D N B SA
Int. Rmvl Assess and Site Inspection (QJ)	F EP S TR	/ /	/ /	A D F H L N W D N B SA
Other Cleanup Activity (VA)	FF SR PS RP SE S SN TR	/ /	/ /	H L
<input checked="" type="checkbox"/> Comprehensive Site Investigation		/ /	/ /	
<input type="checkbox"/> Remedial Selection				
<input type="checkbox"/> Construction				
<input checked="" type="checkbox"/> Post-Construction Maintenance				
<input type="checkbox"/> Design				
<input type="checkbox"/> Short Term Cleanup				
Laboratory Support (LA)	F EP FF MR SR PS RP SD S SN TR	/ /	/ /	
Start Date - date site is initiated				
Completion Date - date site is archived				
Comfort / Status Letter	FE	/ /	/ /	WL RE
Start Date - date letter requested				
Completion Date - date of letter				

Authorization Signature & Date: Anita Wright 3/30/07
 Information Mgmt. Assistant Signature & Date: Wendy White 4/3/07
 GPRA/Data Quality Coord. Signature & Date: [Signature] 4/19/07